BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/02/2019-20 Dated: 14-5-2019

APPROVED TENDER SCHEDULE –'B'

Item-01

Name of Work:-Construction of CC drains and Development works in ward no:01 & 02 of Yelahanka Sub Division

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates SRI.RAJESWAREN SATHEESH (SATHYA CONSTRUCTIONS)	
				Rate	Rate in Words
1	KSRRB 300 Excavation for road, drains and similar works KSRRB 300-1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m excavated surface leveled and sides neatly dressed the disposed earth to be leveled neatly after breaking of clods complete as per specifications MORTH Chapter 3 P.No-143 I.No-19.1	Cum	4450.33	226.04	Rupees One Hundred Thirty One and Paise Eighty Seven Only
2	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications, MORTH specifications No. 408, (P.No.13, I.No.4-1.2 of PW,P&IWTD S.R 2018-19)	cum	686.63	5780.92	Rupees Four Hundred Nineteen and Paise Two Only
3	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (P.No.14, I.No.4.11 of PW, P&IWTD S.R 2018-19)	cum	1484.59	6298.47	Rupees Five Thousand Nine Hundred Eight and Paise Ninety Two Only
4	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (I No-4.31,P No-15)	sqm	11471.40	398.45	Rupees Seven Thousand Six Hundred Thirty Seven and Paise Forty One Only

	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates SRI.RAJESWAREN SATHEESH (SATHYA CONSTRUCTIONS)	
				Rate	Rate in Words
	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Tonne	52.30	77691.85	Rupees Seventy Five Thousand Nine Hundred Forty Three and Paise Thirty Three Only
6	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Tonne	39.04	75943.33	Rupees Two Thousand Four Hundred Fifty Three and Paise Eighty Five Only
7	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M25 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	sqm	3749.55	2453.85	Rupees Five Thousand Six Hundred Eighty Eight and Paise Ninety Only
8	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M25 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	sqm	271.60	5688.90	Rupees Four Hundred Fifty Four and Paise Ten Only
9	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 (Page No143., I.No.19.14 of KPWD S.R 2018-19).	cum	3501.50	67.14	Rupees Eighty Nine and Paise Four Only

	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates SRI.RAJESWAREN SATHEESH (SATHYA CONSTRUCTIONS)	
				Rate	Rate in Words
0	KSRRB 300-35: compaction of original ground by mechanical means including filling in depression occurring curing roling inciuding cost of all labour, HOM of machinery complete as per specificatation. Morth chapter 3, (P.No. 147, I.No.19.64 of PwD, P&IWTD S.R.2018-29)	sqm	8474.70	6.68	Rupees Three Thousand Nine Hundred Ninety and Paise Eleven Only
11	KSRRB 300-46. Scarifying by mechanical means stone metal crust 50mm to 100mm thick by along with 20mm premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges, HOM complete as per specifications. MORTH / Chapter 3 (P.No.146 I.No.19.52) KPWD SR 2018-19	sqm	2981.00	43.41	Rupees Five Thousand Four Hundred Seventy One and Paise Fifty One Only
12	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (Page No 153., I.No.20.5 of KPWD S.R 2018-19).	cum	1538.89	2094.67	Rupees One Thousand Nine Hundred Forty Seven and Paise Seventy Five Only
13	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.155 I.No.20.18) KPWD SR 2018-19	cum	2224.31	2101.34	Rupees Two Thousand One Hundred One and Paise Thirty Four Only
14	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision (P.No.158/It No.21.6) KPWD SR 2018-19	sqm	13220.20	31.16	Rupees Thirty Five and Paise Sixty Two Only

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15	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision. (P.No.158 & I.No.21.7) KPWD SR 2018-19	sqm	14648.20	13.36	Rupees Five and Paise Ninety Only
16	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision. - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No.160 It.No.21.17.6) KPWD SR 2018-19	cum	711.89	7201.11	Rupees Eight Thousand One and Paise Thirty Six Only
17	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision. - do - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen (P.No.162 Item No.21.22.6) KPWD SR 2018-19	cum	510.10	8307.43	Rupees Thirteen and Paise Thirty Six Only
18	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (P.No.182 & I.No.24.15) KPWD SR 2018-19	sqm	358.25	477.48	Rupees Nine Thousand One Hundred Thirty Four and Paise Thirty Nine Only

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KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (P.No.182 & I.No.24.15) KPWD SR 2018-19	sqm	201.85	609.75	Rupees One Hundred Forty Four and Paise Sixty Nine Only

For SATHYA CONSTRUCTIONS

Proprietor

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.